MarCum TECHNOLOGIES

Showdown 5.6

Digital Fish Finder

User Manual

www.marcumtech.com

About Your New Showdown Digital Fish Finder

Congratulations! Your new ShowDown 5.6 Digital Fish Finder delivers unmatched system performance and offers the most intuitive and easy to use system on the market… the future of ice-fishing electronics is here! As a result of your purchase, you will catch more fish and have more fun! When you combine the simplicity of the Vertical LCD Display with the user-friendly interface, you will spend more time actually fishing and less time trying to figure out how to use and interpret what your sonar unit is showing you

Simply turn your ShowDown 5.6 on to immediately begin observing the action below. The ShowDown's Auto Depth Range feature means there's no switching between various depth ranges. Nor will you have to guess at bottom or depth itself. The ShowDown 5.6 immediately locks on to the proper depth range, while also displaying digital depth at all times.

In Your Showdown 5.6 Package

- Showdown 5.6 sonar
- Adjustable gimbal tilt-bracket
- 8-foot transducer / power cable and 200 kHz – 20 degree transducer
- Battery Shuttle with retractable transducer arm
- Neoprene soft pack with interior mesh transducer pocket
- Rubber stopper for transducer cable
- 12-volt, 9.0-amp battery, 2 amp inline fuse
- Battery Charger
- User's Manual
- Warranty Card

Getting Started

Your new Showdown 5.6 Digital Fish Finder comes completely assembled, and nearly ready to use. Follow the simple steps below and you will be ready to fish.

(1) Remove the ShowDown 5.6 from the box. Gently remove the entire unit from the neoprene case. Your ShowDown should be firmly attached to a clear gimbal bracket.

(**2)** Make sure all wire connections are solid.

(3) Make sure that the round rubber stopper is securely in place on the trans-ducer cable, and that the hook and loop battery strap is tight to keep battery snug in the battery compartment.

(4) Slide fully assembled Showdown 5.6 back into the neoprene case.

(5) The 9 amp battery provided comes with a good charge on it and can be taken fishing upon opening the box. Before initial use, you may want to charge it fully if you are not going fishing immediately. To charge the battery, see below.

(6) Route transducer cable through the adjustable transducer turning arm. Affix rubber cable stopper at the desired depth above transducer.

(7) Place your Showdown 5.6 on a relatively level spot on the ice, extend the transducer arm over ice hole, place the transducer into the water, and turn the unit ON by pressing the POWER key.

(9) To store your ShowDown, turn power OFF, fold in transducer arm, tuck transducer into interior mesh pocket, and fold hook and loop closure over. Remember to recharge battery after every use—this will maximize run time and battery longevity.

Charging the Battery in your Showdown

Your Marcum system comes with a 3-stage battery charger. This style of charger has proven to be the most effective and easiest to use of all charging systems available. Because this is a 3-stage charger, there is no danger of overcharging your battery. When properly cared for, a sealed lead acid battery will last for at least a couple of years. Batteries are made to be used, and they need to be used to make the most of them. The most important thing you can do is to promptly recharge your battery after each use. Not charging your battery immediately after use is the number one thing that leads to battery failure.

For safety reasons, it is recommended that you place your system on a flat, hard surface like cement or tile when charging it, away from any flammable materials. Be sure to disconnect the charger from the wall when not in use, and avoid leaving your battery hooked up to the charger for extended periods of time.

When you get home from a trip, put your battery on charge right away, and leave it there overnight, or for around 8-12 hours. Likewise, on the night before you go ice fishing, put it on the charger again, just to make sure. Again, there is no danger of overcharging your battery. We often talk to people who hesitate to charge their battery after each use for fear that the battery will develop a "memory" and this will lead to a shortened run time—THIS IS FALSE!!! ALWAYS CHARGE YOUR BATTERY AFTER EVERY USE!!! Be sure to use the charger that came with your system, or a similar one that is between .5 amp and 1 amp. Using a larger charger, like you would use on a car, truck, RV, or boat is likely to cause damage to the battery. There is really very little danger of overcharging your battery with a low amp charger, and most chargers automatically go into "maintenance mode" once a full charge has been achieved.

To charge your battery:

Your battery has a wiring harness attached to it; this is what you plug the charger into. To charge, simply couple the end of the charger with the end of the wiring harness. It is normal for a green light to appear on the charger at this time. It is also normal for the light on the charger to be green if it is just plugged into the wall. When it is plugged into the wall and battery, you will see a red LED light appear on the charger. If the light is red, the battery is being charged. When your battery is fully charged, this red light should change to green. If it is time to go fishing and the light has not turned green, go fish and try to allow a longer charging period next time.

If you need to remove the battery, unplug the two battery terminals from the battery. Remove the strap that is holding the battery in place and lift the battery out. To replace the battery, place a new battery of similar specifications into the battery compartment and secure it with the Velcro strap and re-connect the positive and negative terminals.

Operating The Showdown 5.6

The ShowDown's straightforward control panel is designed to let you concentrate on fishing. Most settings work by first activating the function itself (ex: press SENS to trigger sensitivity adjustment), then simply pressing the UP or DOWN keys to adjust levels.

POWER

ON— To turn your Showdown 5.6 **POWER** to **ON**, press and hold the **POWER** key for two seconds.

OFF— To turn your Showdown 5.6 **POWER** to **OFF**, press and hold **POWER** for two seconds. Your Showdown 5.6 automatically preserves your sonar settings the next time you activate unit.

BACKLIGHT— To turn the backlight on, turn your **POWER ON**, then press **POWER** key again (do not hold key down). To turn backlight **OFF**, press Power momentarily again (do not hold down the power button).

SIMULATOR mode— With Showdown 5.6 **POWER OFF**, enter **SIMULATOR** mode by pressing and holding **POWER** key for 5 seconds. The "**SIMU**" indicator will appear at the top-right of Showdown 5.6 view-screen. To exit **SIMULATOR**, turn Showdown 5.6 **POWER** to **OFF**, then turn unit back **ON**.

UP/DOWN— Pressing the **UP** or **DOWN** key lets you adjust the Sensitivity, Range, Zoom and Noise. Trigger a function first by pressing the appropriate function key, then move **UP** or **DOWN**.

Showdown 5.6 Features

ICE-MODE

Your Showdown 5.6 sonar offers exclusive **ICE MODE**, a feature unique to Versa Electronics brand sonar units, which allows for operation in the coldest conditions. With **ICE MODE** active, Showdown 5.6 triggers an internal LCD heater that keeps the liquid crystals moving at their normal super high speeds in sub-freezing temperatures. This means that anglers no longer have to worry about their sonar "slowing down" due to freezing liquid crystal. While this feature is called "**ICE MODE**", you may find that your Showdown performs better under a wide variety of conditions when in "**ICE MODE**".

NOTE: If your Showdown 5.6 is left in extreme cold for an extended time period with the **POWER** turned **OFF**, allow one to two minutes for the Ice Mode LCD heater to warm the crystals sufficiently after the **POWER** has been turned **ON** and **ICE** Mode has been activated. After the **ICE** Mode LCD heater has been running for an extended period, it is perfectly normal for the Showdown 5.6 power-head to feel warm.

TO INITIATE ICE MODE, simply press the **UP** and **DOWN** buttons simultaneously. You will now see the "**ICE**" mode indicator appear at the top of the Showdown 5.6 Dual Beam display screen. In **ICE** mode, an internal LCD heater is initiated. To exit **ICE MODE** and return Showdown 5.6 to normal operating mode, press the UP and DOWN keys simultaneously. The **ICE MODE** indicator will no longer show at the top of the display screen.

SENS (SENSITIVITY) — The Showdown 5.6 is a highly-sensitive sonar unit capable of reading the tiniest of solid objects below. It features a 25-level Sensitivity function that adjusts either automatically or manually. By simply turning on your Showdown, it will automatically select a level of sensitivity appropriate for the given depth and signal strength. Ideally, the Sensitivity should be set at the lowest level possible to still view your lure and surrounding fish, while at the same time "tuning out" excessive clutter in the water column. Clutter can make reading the sonar screen more difficult. Clutter can be caused by any number of suspended items, including algae, zooplankton, tiny bubbles, and other particles.

If you're seeing too much clutter, simply decrease the Sensitivity level until the clutter disappears. Conversely, if you're not reading your lure directly below the transducer, consider increasing the Sensitivity level.

MANUAL SENSITIVITY— While your Showdown will automatically select an appropriate level of sensitivity, you may wish to adjust the level yourself. To manually adjust Showdown 5.6 **SENSITIVITY** press the **SENS** button. The "**SENS**" indicator will appear at the lower left of view-screen, along with a number and bar indicator that displays Sensitivity level (0 to 25) at the bottom of the screen.

With the **SENS** indicator active, press the **UP** or **DOWN** key to increase or decrease your **SENSITIVITY** to the desired level. In most cases, you will have the best performance with the Sensitivity set between 5 and 10.

RANGE— The Showdown 5.6 is equipped with 6 separate depth ranges—20, 40, 60, 80, 120, and 240-feet. Regardless of the manual depth range setting, Showdown 5.6 will always display digital depth, even if the bottom is deeper than the bottom limit of the **RANGE** setting, (down to 240').

AUTO RANGE— In Auto Range mode, Showdown 5.6 will automatically lock into the depth range appropriate to the depth of the water. For instance, in 32-feet of water, Showdown 5.6 will automatically lock in at the 40-foot depth range. Auto Range allows you to simply turn on the power and begin fishing.

MANUAL RANGE— To manually adjust the Showdown's depth range, press the **RANGE** key. This will cause the digital depth markers to flash on-and-off, indicating that the sonar has switched from **AUTO RANGE** mode to **MANUAL RANGE** mode.

While the display is flashing, press either the **UP** or **DOWN** key to toggle between depth ranges—20-FT, 40-FT, 60-FT, 80-FT, 120-FT, 240-FT. Pressing **UP** moves RANGE to the next shallower depth zone; **DOWN** moves to the next deeper zone.

To return to **AUTO RANGE**, press the **RANGE** key, and then press the **UP** key (moving Range to the next shallower setting) until the Range passes the 20-foot range by one step. At this point, you will hear an audible fast beep, and see a flashing "**A**" icon above the **FEET** indicator.

ZOOM— The Zoom feature allows you to focus the display on a specific depth within the water column. The position of the **ZOOM** window is adjustable in one-foot increments. Zoom can focus on bottom (for detecting bottom-hugging fish), or at any level above bottom. The Zoom window is programmed to display 25% of the depth range (i.e. – in 100 feet of water, you will zoom to different 25-foot segments of the water column).

MANUAL ADJUSTABLE ZOOM— To zoom the display in on a specific segment of the water column, press the **ZOOM** key once. Once **ZOOM** is activated, the word **ZOOM** will appear at the top left of the display screen. You can now adjust **ZOOM** to any depth segment by simply pressing the **UP** or **DOWN** keys—once for each **ZOOM** level. To **ZOOM** into the bottom, simply continue pressing the **DOWN** key until you reach the desired level.

To disengage **ZOOM** (bringing the Showdown 5.6 back to normal surface-to-bottom view) simply press the ZOOM button a second time. The **ZOOM** indicator will no longer appear at the top left of the display.

AUTO BOTTOM TRACK ZOOM— The Showdown 5.6 sonar also offers Auto Bottom Track Zoom that automatically zooms and locks onto the bottom 25-percent of the water column. This is especially useful for locating bottom hugging fish like walleyes and perch. To automatically zoom onto the bottom 25-percent of the water column, you may choose to enter Auto Bottom Track Zoom. This is an extremely helpful feature that will always lock onto and zoom in on the bottom, even if you have removed the transducer from one area, and placed it into completely different depth.

To enter Auto Bottom Track Zoom, press the **ZOOM** key (you should see the **ZOOM** icon at the top left of the screen). Press the UP key until you have passed the shallowest depth range. At this point, you will hear an audible fast beep, and see a flashing "**A**" icon at the bottom of the screen.

NOISE (Interference Rejection) — The unit's Noise Rejection feature allows you to use your Showdown 5.6 in close proximity to other sonar units, trolling motors, and other electronic devices without experiencing excessive signal interference. A ten (10) level Noise Rejection function allows you to adjust to a wide range of rejection levels. If "noise interference" occurs, increase the Noise Rejection level until you effectively eliminate the signal interference. To adjust the ShowDown's **NOISE** Rejection control, simply press the **NOISE** button once. The **NOISE** indicator bar will appear at the bottom of the screen, along with a number (0 to 10), which shows the **NOISE** control setting. Press the **UP** button to move to the next highest **NOISE** rejection level, or press **DOWN** to move to the next lowest **NOISE** rejection level. As you do so, you should notice the indicator number change. After approximately 5-seconds, the **NOISE** indicator bar will disappear and be replaced by the normal operating depth display.

Other Showdown 5.6 Features

Backlight— Your Showdown 5.6 offers a warm "nightglow" backlight that actually accentuates the pixels in the display. Can be turned on or off by briefly pressing the **POWER** button after unit is **ON**.

Neoprene Carry Bag— Protects your Showdown 5.6 during storage, use and transport. Exterior hook and loop flap seals out dust and moisture.

Interior Transducer Pocket— Small mesh pocket inside neoprene carrying case. Always place your transducer in this pocket when not in use.

Adjustable Transducer Arm— Your Showdown 5.6 is equipped with an extendable and adjustable transducer arm which directs the transducer over your ice fishing hole. Coupled with the round rubber transducer cable stopper which fits over the top of the arm clip, this handy item keeps your transducer level in the water at all times for optimal signal return. When not in use, the arm folds up, and fits snugly inside the neoprene carrying bag.

Digital Depth— The digital depth display on the Showdown 5.6 sonar provides a quick and easy way to determine depth. Digital Depth is always displayed in the bottom-right of the view screen (unless **NOISE** or **SENS** are being adjusted). In addition, digital depth scale indices show to the left of the display area for quickly determining the depth of fish or your lure.

Simulator— To trigger the Showdown 5.6 Simulator mode, start with unit turned **OFF**. Press and hold the **POWER** button for approximately 5-seconds. You should see the "**SIMU**" indicator bar appear at the top right of the display. Simulator mode shows how bottom, a lure and fish might appear on the unit if you were fishing in 32' of water. It also allows you to adjust and learn various sonar settings before you get out fishing. To turn Simulator mode off, it is necessary to turn your Showdown 5.6 power **OFF** by holding down the **POWER** button again.

Low Battery Warning— When battery power reaches very low levels, a low battery indicator will appear and flash at the top right of the display. An audible beep will also sound every 30 seconds. This signifies that it is time to recharge the battery, or replace it with a fully charged spare. **WARNING**: When you see and hear this warning, the Showdown 5.6 may shut down within minutes.

"Last Settings" Memory— Your Showdown 5.6 automatically remembers the settings you used last. So when it is turned **OFF** and then **ON** again, your previous settings will be preserved and active.

Tips For Using Your Showdown 5.6

Setting up the transducer for ice-fishing: When used in conjunction with the retractable pivoting transducer arm and rubber stopper, the Showdown's transducer will automatically level itself in your ice hole. To begin operation, simply insert transducer cable into rubber stopper at desired depth. Extend transducer arm; insert cable into open end of transducer arm, and allow the rubber stopper to rest in the open end of the transducer arm. We recommend setting your stopper to have the transducer down the least amount possible. The Showdown Dual Beam puts out enough power that in most cases it is not necessary to have your transducer down more than a few inches below the water line to get a good reading. When the ice thickness is over two feet, it may be necessary to have your transducer set farther down. Remember-- the less transducer cable you have out, the easier it is to pull it out of the water when bringing in a fish, or to move to a new location. Under no circumstances should you ever have the ducer below the ice as this can lead to the ducer becoming damaged.

It is also important that you keep the cable near the center of the ice hole. We frequently hear from anglers who allowed their cable to freeze into the side of the ice hole. If this should happen to you, make sure the unit is turned off before attempting to chisel it out. If you accidentally cut the ducer cable, do not try to use that ducer again.

Generally, a solid band that appears on the screen between the surface and bottom indicates some form of aquatic life (gamefish, baitfish, insects, plankton, etc.), or your lure. Thicker or more solid bands imply larger objects, such as gamefish. This is due to the nature of the ShowDown's sonar signals. Stronger or denser objects return a stronger signal back to the transducer than smaller objects.

At the same time, even a large fish may not return a strong signal until it swims directly beneath your transducer. This is because the transducer emits a cone-shaped signal that increases in diameter as the signal travels deeper. Therefore, not only will a fish appear to grow in size as it travels beneath the transducer (the signal has become stronger), but it will also appear to be swimming from deeper water to shallower water, even though this may not be the case at all. A fish that's swimming at 25 feet may not display at 25-feet until it passes directly beneath the sonar transducer. That's simply because the sonar signal travels further to return an echo from a fish that's off to the side than it does for a fish that's directly below.

Reading the ShowDown 5.6 sonar signals:

The ShowDown 5.6 displays the water column in its natural state (vertically), rather than in a circular configuration as with traditional dial flashers. On the ShowDown, top is the surface, and bottom is the lake bottom. Bottom appears as a dark solid bar above decreasingly solid bars below. A thicker "bottom band" indicates a harder bottom composition, such as rock, gravel or sand. A thinner band indicates a softer bottom.

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The best way to find your lure on the ShowDown 5.6 screen is to simply drop your lure down to bottom, then reel it up about a foot. You should see a single solid band appear above bottom to signify your lure. If you do not see this, adjust the sonar Sensitivity by pressing the SENS button and the UP/DOWN keys (see SENSITVITY). Adjust sensitivity until you can make out your lure even as you reel it up toward the surface, or jig it up and down. Do not increase sensitivity too much, however, as doing this may cause your ShowDown 5.6 to display excess "clutter" that makes following your lure and nearby fish more difficult.

Battery life and sonar run-time: A fully charged 12-volt, 9.0-amp battery (included) will provide up to 30-hours of use. To assure long battery life, and peak sonar performance, we recommend charging the battery after every use.

How to check the depth through the ice: This is a great way to save time while looking for a particular spot or depth. To receive a sonar signal directly through the ice (without drilling a hole), first clear off any snow that may be covering ice. Make sure that ice in the area is relatively "clear" ice without excessive bubbles or frost pockets, which can deflect sonar signals. Pour about a cup of water on the spot, and immediately rest the transducer on the standing water on the ice. If you still don't have a signal, pour additional water under the transducer. If the surface of the ice is rough or filled with air bubbles, drilling a 1" deep hole in the ice before checking the depth may be necessary.

Moving the ShowDown to a new location: Mobility is one key to being successful on the ice. Whenever you move from one spot to another, it is tempting to leave your transducer hanging on the transducer arm. This is likely to lead to failure of the transducer arm, and can cause damage to the transducer itself if it is allowed to drag on the ice. Always fold the transducer arm in, and stow the transducer inside the pack when you are moving. Keeping the amount of transducer cord you have out at a minimum will make transporting your ShowDown easier. Similarly, you may need to quickly remove your transducer from the hole when about to land a fish. We have actually seen anglers in a panic actually grab the shuttle itself and toss the entire unit to the side. This is no way to treat any piece of electronics; a much better approach is to simply lift the transducer out of your way by the cord, and the shuttle itself can be gently pushed aside.

Caring For Your ShowDown 5.6

Stow your ShowDown 5.6 properly when not in use. Turn sonar power off, and disconnect Power plug from back of unit. If possible, gently wipe excess water or moisture from the ShowDown 5.6 screen and transducer arm with a soft cloth. Should your ShowDown system become wet, it is unlikely that any harm will come to it, but make sure to get the entire system completely dried out as soon as possible.

Slide the adjustable transducer arm back into the housing, and stow trans- ducer into the interior pocket. Close and secure soft case door with hook and loop enclosure. Store in cool (above 30°F, below 85°F), dry location whenever possible. Recharge your battery after every use. Even if you only used your ShowDown for a short time, getting in the habit of regularly charging your battery will maximize the life of your battery. During prolonged storage periods, recharge the battery every few months. These steps will maximize the life of your battery.

Clean your ShowDown 5.6 periodically. Using a mild dishwashing soap and a soft cloth, gently clean the power head and view screen. DO NOT use window cleaner or alcohol-based cleaning products—they may damage LCD screen and void your warranty.

If you are unable to get your ShowDown to turn on, it may be due to one of the following:

1---Battery not connected. Properly connect the battery; red to red (positive), black

2---Battery is dead or not properly charged [see battery charging section]

3---Blown fuse (located on the RED (+) wire coming off the battery). The wire in a 2 amp fuse is very fine, and it can take a very close look to determine if it is still intact. If there are any beaks in the wire or discoloration in the clear plastic, replace the fuse. It is acceptable to replace the 2 amp fuse with a 3 amp fuse. Using a fuse larger than a 3 amp may damage your ShowDown

BATTERY CHARGER TROUBLESHOOTING

Many inquiries that come to our office are battery or battery charger related. Battery failure can be caused by a fault in the charging system, and many times the issue is with the fuse on the wiring harness. If you suspect your battery is not being charged, follow these troubleshooting tips

1. When the charger is plugged into the WALL ONLY it should show a green light. If there is no light showing, confirm that the outlet is good. If the outlet is good, then it is very likely that the charger itself is faulty.
2. If the charger is plugged into the BATTERY ONLY it should show a green light. If it does not show a green light, it is likely that the charger is not making contact with the battery. The most likely reason for this is a faulty fuse on the wiring harness. This fuse is a 2-amp automotive fuse, and it should be replaced with a 2 or 3-amp fuse available anywhere that sells auto parts.
3. When the charger is plugged into both the wall and the battery, there should be a red light showing on the charger. A red light showing indicates that the charger is in contact with the battery and is actively charging the battery. Once the battery has reached a voltage level that is considered “fully charged” the red light should change to green. If after 24 hours the light has not changed to green there is no cause for alarm! Remember that when the light is red, the battery is being charged, and you will be able to use your system.

4. If the charger is plugged into the wall and battery and you get a blinking light on the charger, it is very likely that the battery is faulty and should be replaced.

ShowDown 5.6 Specifications

Current Draw: 400 mA maximum
Transducer Frequency: 200kHz
Transducer Angle: 20°
Transmit Power: 1000-watts true RMS / 8000 watts peak-to- peak power
Ping Rate: 40 pings per second
Max Sonar Resolution: 0.46" (in 20', 40' and 60' ranges)
Sensitivity Control: 25-level
Noise Rejection Control: 10-level anti-interference
Range Control: 6 depth ranges—20', 40', 60', 80', 120', 240'
Zoom Control: Zooms in to 25% of the water column, or in one foot increments as specified by user
Ice Mode: Activates LCD heater, and boosts gain
Digital Depth Display: Yes
Display Grayscale: 4-level Grayscale

One-Year Limited Warranty

Marcum warrants this product to be free from defects in materials and workmanship for one year from the date of purchase. This warranty applies to customers who properly completes the online product registration form found on the MarCum Technologies Website www.marcumtech.com/support
If you are unable to use the internet, please fill out and submit the enclosed warranty registration card to be eligible for the one year warranty. Marcum Technologies will repair or replace any components that fail in normal use. Failures due to abuse, misuse, unauthorized alteration, modification, or repair are not covered. The battery is not covered by the warranty. The warranty is valid only for the original owner who purchases the unit from an authorized dealer.
An original sales receipt dated within the warranty period is required for all warranty claims.

HOW TO OBTAIN SERVICE

If your unit is malfunctioning, check the FAQ section of our website. You may find that the solution to your problem is something you can resolve yourself. If you need to send it in, there is no need to contact our office. Getting repairs made is as simple as going to our website, clicking on the service tab, and then filling out the Service Request Form. If your unit is under warranty, be sure to attach a picture/scan of your receipt showing the date of purchase. If your system is out of warranty, we have a flat-rate fee that will cover the cost of repairs, including parts and labor. Once you have completed the Warranty or Flat-Rate repair, package the unit as described on the website and ship it to us.

There is no need for an authorization or reference number, just make sure that you have included your contact info and a brief description of the issue on a note in the box.
If you do not have the ability to use the Internet, you may also fill out the service request form included in the box with your unit. If you enclose this form in the box with your unit there is no need to contact our office, just include the filled out form in the shipping box.
Some people are more comfortable calling for shipping instructions. During peak ice season, we sometimes receive a high volume of calls, making it impossible to get to all customers who phone in. For this reason, strongly consider using the on-line form or email rather than calling. In your email, please provide your name, complete address, and cell phone #. Please indicate what model Marcum you have, approximate date of purchase, and what has gone wrong with it.

Please send your email inquiries to service@versae.com
If you are unable to use email or internet, you may also call us at 763-512-3987. Our office hours are Monday – Friday, 8 – 4 Central Time.
International callers may use 888-778-1208

OUR ADDRESS:
MARCUM TECHNOLOGIES
ATTN: SERVICE DEPT.
3943 QUEBEC AVE NORTH
MINNEAPOLIS, MN 55427

The customer is responsible for shipping costs associated with returning the unit to Marcum Technologies. Marcum will pay for shipping the repaired unit back to the customer while it is still under warranty. All out of warranty services will be charged a fee for service and shipping which must be paid in advance. The unit should be securely packed and shipped "pre-paid freight" and insured to Marcum Technologies. It is the customer's full responsibility to track their products sent out in the mail or other forms of delivery service. Marcum Technologies will not be liable for packages lost en route to us. Unless specified otherwise, do not include batteries or other accessories when returning the product for repair. Marcum Technologies will not be responsible for lost or damaged accessories. Turnaround time can vary, on average it is about 1 week.

ShowDown 5.6 Replacement Parts
The rigors of ice fishing can take a toll on equipment. Replacement parts that have become lost or damaged can be easily ordered, go to marcumtech.com, or you can call us at 763-512-3987.

PARTS LIST
Ice Ducer: If your transducer has been damaged or lost
Turning arm: This is the front half of the ducer arm
Straight arm: This is the rear half of the ducer arm
Soft Pack: Neoprene Soft pack that protects your Showdown from the elements
Gimbal: This is the white pyramid-shaped part that the Showdown display clips onto
Stopper: Replacement ducer stop- in case yours goes down the hole
2-Amp fuse: If you can't find a replacement fuse for the wiring harness locally
12 volt 9 amp battery: Batteries must be replaced every few years

OTHER MARCUM PRODUCTS

Here are some other great systems from Marcum. These items can be purchased from one of our many fine retailers, or direct from us at marcumtech.com

LX-5

The LX-5 incorporates the latest in sonar technology, featuring a patented flexible zoom that can be set anywhere between surface and bottom, a patent pending TrueColor display, 2500 watts of peak-to-peak power, patented signal interference rejection, Superfine Line Technology, and target separation down to 3/4 inch.

LX-7

The LX-7 Digital Sonar takes DNA from other fine Marcum sonars –you might say it was "bred" for excellence. Because the LX-7 is digital, we can pack it full of more features than have ever been found in an ice sonar before. With an 8" customizable dashboard display, superior target separation, 12-level interference rejection, dual-beam transducer, expandable zoom, and much, much more, the LX7 is the perfect combination of macro features and micro precision.

ShowdownTroller

The new Showdown Troller Digital Fish Finder is a palm-sized sonar device with full size performance. For use in either ice-fishing or open water situations…quickly "troll" from hole to hole while ice-fishing or shoot through your canoe or kayak in order to find fish and the correct depth. As a scouting tool it has ne equal; the ultimate in portability is matched to ShowDown's proven Crystal-Quick® vertical display. The sonar instantly locks on to bottom, and clearly displays the location of fish and your lure, anywhere in the water column.

VS825SD

The VS825sd offers several technologies that are the first of their kind, making this system the most technologically advanced underwater viewing system available.

Using new technology such as an 8" Solar Intelligent- H2D display will deliver the sharpest, most vivid display, even in direct sunlight; Color Kill technology allows you to switch between a Color or Black and White image on demand, while maintaining crisp screen resolution; On-Screen displays of Camera Direction, Depth, Temp and Battery Voltage take all of the guess work out of your camera position so your new VS825sd can be used to hunt for underwater treasures, locate the "spot on the spot", observe fish in their natural habitat or learn how fish react to your lure or bait presentation. The applications are endless, and it's never been easier or more fun to view.

MarCum
TECHNOLOGIES

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MarCum User Manuals are available for download from www.marcumtech.com.